



# VIETNAM YOUNG ACADEMY (VYA) BULLETIN

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Dr Hoa Le Minh, a VYA member, at the VEAM plus meeting, Ho Chi Minh city, August 2017



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## 1. KEY HIGHLIGHTS

- **Vietnamese Youth Academy (VYA) is opening a call for new members and renewal of membership, the applications are available on VYA website (<http://vietnamyoungacademy.org/membership.html> ).** Complete application forms should be emailed as a single PDF document to [info@vietnamyoungacademy.org](mailto:info@vietnamyoungacademy.org), the deadline is 30<sup>th</sup> October 2017. VYA is non-paying fee membership organization, therefore, members are expected to contribute to its activities. Renewal is required for all members after their first year of their initial membership. All members admitted from 2014-2016, please apply for renewal.
- **Invited talk given by VYA member.** Dr Hoa Le Minh, has given an invited talk at “*The 10<sup>th</sup> Vietnam Economist Annual Meeting VEAM Plus 2017*” in Ho Chi Minh city, Vietnam on the 3<sup>rd</sup> Aug 2017. Dr Le Minh has suggested new smart lighting technology adoption to Ho Chi Minh city to enhance efficient energy usage, hence relieving the pressure of current energy shortage as well as enabling sustainable development for HCMC in future. More info at: <http://baotintuc.vn/van-de-quan-tam/kieu-bao-hien-ke-giup-tp-ho-chi-minh-phat-trien-nang-luong-sach-xay-dung-kho-du-lieu-20170803131606697.htm>

## 2. VYA ACTIVITIES

- **Monthly VYA operational committee meeting.** A monthly VYA operational committee meeting was taken place on the 19<sup>th</sup> August 2017, chaired by Prof. Nguyen T. K. Thanh. The committee members have reviewed the recent activities and updated the plan for future growth of VYA, particularly on forward-planning of the Bionano Meeting and the 4<sup>th</sup> Worldwide Meeting of Young Academies in Vietnam in 2019. The meeting minutes are available to all VYA members and the advisory board.
- **Promotion of VYA.** Dr. Tran Quang Huy has introduced about VYA at the Vietnam-Korea international joint symposium on advanced materials in Daejeon, Korea from 10-11<sup>th</sup> August 2017. He also briefly introduced VYA to the participants at the Workshop on Advanced Nanomaterials and Nanotechnology (WANN 2017) at Hanoi University of Science and Technology from 14-15<sup>th</sup> August 2017.
- **Invitation to join a Wiki Vietnamese team.** Wiki Vietnamese is a part of Knowledge Identifier activity being developed by VYA, we are looking for VYA members to help with this activity. Please contact Dr. Tran Quang Huy ([huytq.nihe@gmail.com](mailto:huytq.nihe@gmail.com)) and Prof. Nguyen T.K. Thanh ([ntk.thanh@gmail.com](mailto:ntk.thanh@gmail.com)) if you are able to contribute in this initiative.

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- **Promotion of VYA** will be brought forward by Dr. Tran Quang Huy, Assoc. Prof Le Anh Tuan (AIST, Hanoi University of Science and Technology) and Dr Nguyen Thi Luyen (Thai Nguyen University), who will join the science leadership programme in Malaysia from 7-12<sup>th</sup> September 2017. Dr. Tran Quang Huy is also invited to join the World Festival of Youth and Students 2017 in Sochi, Russia from 14-22<sup>nd</sup> October 2017.
- **Call for Global Youth Academy (GYA) membership** is being announced. Applications are sought from young, independent scholars who combine the highest level of research excellence with a demonstrated passion for delivering impact. Information about eligibility, online application process, important dates and relevant forms and guidance is available at: <https://globalyoungacademy.net/call-for-new-members/>
- **New VYA friends.** A warm welcome to all new VYA friends, we are looking forward to having many of you to become a member of the VYA (see the Highlight Section).
  - Dr. Le Thi Dieu Trang, Research Institute for Biotechnology and Environment, Nong Lam University, Ho Chi Minh city
  - Ms. Truong Thi Bich Lieu, International University - Vietnam National University, Ho Chi Minh city

## 3. ACTIVITIES OF VYA COMMUNITIES

Congratulations to the VYA member Assoc. Prof Phan Manh Huong, who has just received the 2017 Outstanding Research Achievement Award by University of South Florida. We wish him further success in his future career.

## 4. CALLS AND FUNDING OPPORTUNITIES

### Funding opportunities

- Prof Nguyen T. K. Thanh is happy to receive applications for a very prestigious UCL Dean's Scholarship in the area of nanotechnology for healthcare. The **Dean's Prize provides scholarships** of up to the value of UCL student fees for postgraduate research students, primarily geared towards excellent overseas students. Please contact Prof Thanh (Email: [ntk.thanh@ucl.ac.uk](mailto:ntk.thanh@ucl.ac.uk)), if you have excellent Master degree in Chemistry/Biochemistry/Material Science. Due to large number of the applicants, only shortlisted candidate will be contacted.
- Please contact Prof Thanh ([ntk.thanh@ucl.ac.uk](mailto:ntk.thanh@ucl.ac.uk)) you are interested in an International and Interdisciplinary Research Hub for Prevention, Diagnosis and Treatment of

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- Infectious Diseases** in Developing Countries using Nanotechnology. More information: <http://www.rcuk.ac.uk>
- **Newton Programme Vietnam is now offering Newton Fund Researcher Links Regional Workshop (South East Asia) grants dedicated to research institutions.** Newton Fund Researcher Links Regional Workshop bring together early-career researchers from the UK and other regional partner countries including Malaysia, Philippines, Indonesia, Vietnam and Thailand to make international connections that can improve the quality of their research. Joint applications are made by senior researchers from the partner countries who lead the workshop. Once funded, grants are available for early-career researchers in the UK and the partner countries to attend and participate. Deadline: **19 September 2017, 16:00 UK time**. More information can be found at <https://www.britishcouncil.org/education/science/current-opportunities/regional-workshops-newton-sea> .
  - **UK-Vietnam Partnership for Infectious Disease Research: 2017 workshop.** To provide researchers from the UK and Vietnam the opportunity to establish new partnerships, there will be a workshop in Hanoi, Vietnam on **10-12 October 2017**. This workshop is open to potential applicants to the call and aims to support the development and/or enhancement of UK-Vietnam research partnerships. Closing date for EOI in attending workshop: **Friday 8<sup>th</sup> September 2017**. The focus of this call is research into infectious diseases of relevance to Vietnam and particularly those impacting the most vulnerable in society. Areas of particular research interest within the infectious disease space include, but are not limited to HIV and other Sexually Transmitted Infections, TB, Malaria, Respiratory Infections, Neglected Tropical Infections, Antimicrobial Resistance (excluding epidemiological and surveillance activities). The funders welcome proposals across the spectrum of biomedical research activities, including basic research on pathogen, genomics, etiology of disease, understanding mechanisms of diseases, development of vaccines, therapeutics and diagnostics, and other health interventions (public health, behavioral, nutritional), population health sciences, clinical studies and epidemiological research which will provide data needed to conduct future interventions development work. More information can be found at <https://www.mrc.ac.uk/about/events/uk-vietnam-partnership-for-infectious-disease-research-2017-workshop-launched/> .

## Conferences and workshops

(A full list of conferences in Vietnam or elsewhere is available in VYA website)

- **256<sup>th</sup> ACS National Meeting & Exposition Symposium** on "Detection of infectious diseases and toxin in food using nanoparticles", the 19<sup>th</sup>-23<sup>rd</sup> August 2018, Boston, USA, will be chaired by Prof. Nguyen T. K. Thanh and Dr. Cao Cuong.

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- **The Belfast Summit on Global Food Integrity 2018** (ASSET2018 Summit) is being organised at the Queen's University of Belfast (QUB) 28-30<sup>th</sup> May, 2018. The Summit will bring together representatives from international and governmental agencies, the academic and industrial research community, non-governmental organisations and the commercial and technical leaders in the food industry and its supply chain to discuss, debate and provide leadership on tackling a range of serious challenges that face the integrity of our global food supply system. Dr Cao Cuong is serving a member of Local organizing Committee. More information can be found at <http://www.qub.ac.uk/sites/ASSET2018Summit/>.
- **IAP and TWAS are working with the Organization for the Prohibition of Chemical Weapons (OPCW)** to host an event in Trieste on 12<sup>th</sup>-15<sup>th</sup> September 2017. Information on the call for nominations to attend the workshop, "Policy and Diplomacy for Scientists: Introduction to Responsible Research Practices in Chemical and Biochemical Sciences", is available via: [hXp://www.interacademies.net/2952/31277.aspx](http://www.interacademies.net/2952/31277.aspx)
- **The NAFOSTED Conference on Information and Computer Science (NICS)** is a series of scientific activities supported by the National Foundation for Science and Technology Development (NAFOSTED) to build a durable, innovative and conducive environment for research activities at universities and institutes, improve the research ability of young scientists and establish research groups that meet international standards. The aim of the conference is to bring together researchers from Vietnam and overseas in an academic forum to present and discuss recent advancements and future directions in the field of information and computer science. NICS 2017 will be held in Hanoi, Vietnam during 24<sup>th</sup>-25<sup>th</sup> November 2017, sponsored by IEEE, and hosted by University of Engineering and Technology, Vietnam National University, Hanoi.

### Career and promotion opportunities

- **Nanofabrication staff scientist position:** Staff Scientists at IST Austria pursue research projects together with professors, serving as collaborators with expertise normally not present within research groups. We are looking for a nanofabrication staff scientist who is interested in the field of nanoscience and takes the responsibility for running and developing recipes for a state of the art 100 keV electron beam lithography system in the newly built nanofabrication facility. The position is limited to five years, with the possibility of extension. Please submit your application online at <https://apply.app.ist.ac.at/>. More information at <https://ist.ac.at/about-ist-austria/open-positions/staff-scientists/>.

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- **Postdoc position in signal transduction and antibiotic resistance** in Gram-positive bacteria in the lab of Chris Kristich, Department of Microbiology and Immunology at the Medical College of Wisconsin in Milwaukee WI, USA.
- **Postdoc position in host-pathogen interactions** in Barbara Kazmierczak's laboratory at Yale University, USA.
- **Postdoctoral research position** at UCLA in population genetics in the lab of Dr. Kirk Lohmueller in the Department of Ecology and Evolutionary Biology and the Department of Human Genetics at the University of California, Los Angeles, USA.
- **2 Post-doctoral positions in targeted nanotherapy for cancer.** The post-doctoral positions are funded for 12 or 24 months. The positions will be open in September 2017 or at the beginning of 2018, respectively. The post-doctoral positions may be extended depending on the acceptance of additional funding requests. Recruitment prospects at INSERM or CNRS. Applicants should submit curriculum vitae, a list of publications, a brief description of their research and the career goals to Véronique GIGOUX ([veronique.gigoux@inserm.fr](mailto:veronique.gigoux@inserm.fr)). [www.rttc-research.com](http://www.rttc-research.com)
- **A postdoc on Using low-frequency magnetic field and magnetic nanoparticles for the destruction of cancer cells:** setups, theory and experiments, Laboratoire de Physique et Chimie des Nano-Objets, Toulouse. The post-doc contract should start the 1<sup>st</sup> of November, 2017. Please send resume, publication list and motivation letter to Julian Carrey ([julian.carrey@insa-toulouse.fr](mailto:julian.carrey@insa-toulouse.fr)) before 15<sup>th</sup> September, 2017.
- **Postdoctoral position to work on the proteomics, transcriptomics and genomics of insecticide resistance.** A postdoctoral position is available immediately in the laboratory of Professor Jeff Scott at Cornell University (Ithaca, NY, USA), for a highly motivated candidate to study the basis insecticide resistance in *Aedes aegypti*. More information and job application should be sent to Professor Jeff Scott at [jgs5@cornell.edu](mailto:jgs5@cornell.edu). Please include a CV, statement of research experiences and interests, and contact information for three or four referees. **Lab Website:** <http://blogs.cornell.edu/scott/>
- **Postdocs at Arizona State University, USA.** The Jeff Jensen Lab at the Arizona State University in Phoenix and is currently advertising for two postdoctoral positions to work on theoretical/computational population genetics and population genomics of crisis. Interested candidates should send a CV, brief statement of research interests, and contact information for two references to [jeffrey.d.jensen@asu.edu](mailto:jeffrey.d.jensen@asu.edu) prior to Sept 15, 2017. Details: <http://jjensenlab.org/hiring>.
- **Postdoctoral positions in human population genomics, nutrigenomics, & association studies.** Two postdoctoral positions and one programmer/analyst position are available in the group of Alon Keinan at Cornell University ([keinanlab.cb.bscb.cornell.edu](http://keinanlab.cb.bscb.cornell.edu)). The ideal candidate will have a strong track record in

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either population genomics, statistical genetics, nutritional genomics, or human genomics in general, as well as strong programming and statistical skills, with a Ph.D. in any of the fields mentioned above or a related field. The starting date is flexible and can be as early as September 2017. Funding will be guaranteed for at least 3 years, and the PI will also help the successful candidate secure fellowships/future funding.

- **Postdoctoral associate for comparative quantitative genetics and genomics in sorghum and maize.** The position will be part of the ARPAE-funded, project entitled “Transportation Energy Resource from Renewable Agriculture–Mobile Energy-Crop Phenotyping Platform (TERRA-MEPP; <https://terra-mepp.illinois.edu/>)”. A letter of interest in the position, C.V., and contact information for three references should be emailed together as a single PDF file to Michael Gore at: [mag87@cornell.edu](mailto:mag87@cornell.edu). Review of applications will begin immediately and continue until the position is filled.

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